

Abstract

A composition suitable for reducing sludge and degradation of elastomer seals in engines comprises an oil of lubrication viscosity and a minor amount of a sludge preventing/seal protecting nitrogen containing dispersant, which
5 is a reaction product of a hydrocarbyl-substituted succinic acylating agent having a limited amount of low molecular weight substituent; and a polyamine or condensed polyamine containing less than 20 mole percent of polyamine components of 6 or fewer nitrogen atoms.